

EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTT
EEE	DDD	DDD
EEEEEEEEEEEE	DDD	DDD
EEEEEEEEEEEE	DDD	DDD
EEEEEEEEEEEE	DDD	DDD
EEE	DDD	DDD
EEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTT
EEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTT
EEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTT

SSSSSSSS SSSSSSSS CCCCCCCC CCCCCCCC RRRRRRRR RRRRRRRR EEEEEEEE EEEEEEEE VV VV
SS SS CC RR RR RR RR RR RR RR EE EE VV VV
SS SS CC RR RR RR RR RR RR RR EE EE VV VV
SS SS CC RR RR RR RR RR RR RR EE EE VV VV
SS SS CC RR RR RR RR RR RR RR EE EE VV VV
SSSSSS CC RRRRRRRR RRRRRRRR EEEEEEEE VV VV
SSSSSS CC RRRRRRRR RRRRRRRR EEEEEEEE VV VV
SS SS CC RR RR RR RR RR RR EE EE VV VV
SS SS CC RR RR RR RR RR RR EE EE VV VV
SS SS CC RR RR RR RR RR RR EE EE VV VV
SSSSSSSS CCCCCCCC RR RR RR RR RR RR EEEEEEEE VV VV
SSSSSSSS CCCCCCCC RR RR RR RR RR RR EEEEEEEE VV VV

```
1 0001 0 XTITLE 'EDT$SCRREV - reverse video screen mode'  
2 0002 0 MODULE EDT$SCRREV {  
3 0003 0 IDENT = 'VO4-000'  
4 0004 0 )=  
5 0005 1 BEGIN  
6 0006 1 *****  
7 0007 1 *  
8 0008 1 *  
9 0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY  
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26 0026 1 *  
27 0027 1 *  
28 0028 1 *****  
29 0029 1 *  
30 0030 1 *  
31 0031 1 **  
32 0032 1 FACILITY: EDT -- The DEC Standard Editor  
33 0033 1  
34 0034 1 ABSTRACT:  
35 0035 1  
36 0036 1 This module makes sure the screen is in reverse video.  
37 0037 1  
38 0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant  
39 0039 1  
40 0040 1 AUTHOR: Bob Kushlis, CREATION DATE: September 8, 1979  
41 0041 1  
42 0042 1 MODIFIED BY:  
43 0043 1  
44 0044 1 1-001 - Original. DJS 12-Feb-1981. This module was created by  
45 0045 1 extracting the routine EDT$SSC REVID from module SCREEN.  
46 0046 1 1-002 - Regularize headers. JBS 13-Mar-1981  
47 0047 1 1-003 - Improve the appearance of the listing. JBS 17-Jun-1983  
48 0048 1 --  
49 0049 1
```

```
51 0050 1 %SBTTL 'Declarations'  
52 0051 1  
53 0052 1 ! TABLE OF CONTENTS:  
54 0053 1  
55 0054 1  
56 0055 1 REQUIRE 'EDTSRC:TRAROUNAM';  
57 0494 1  
58 0495 1 FORWARD ROUTINE  
59 0496 1 EDTSSC_REVID : NOVALUE;  
60 0497 1  
61 0498 1 ! INCLUDE FILES:  
62 0499 1  
63 0500 1 !  
64 0501 1  
65 0502 1 REQUIRE 'EDTSRC:EDTREQ';  
66 0637 1  
67 0638 1 ! MACROS:  
68 0639 1  
69 0640 1  
70 0641 1 ! NONE  
71 0642 1  
72 0643 1 ! EQUATED SYMBOLS:  
73 0644 1  
74 0645 1  
75 0646 1 BIND  
76 0647 1 REV_VIDEO = UPLIT (%STRING (%CHAR (ASC_K_ESC), '[7m'));  
77 0648 1  
78 0649 1 LITERAL  
79 0650 1 REV_VIDEO_LEN = 4;  
80 0651 1  
81 0652 1 ! OWN STORAGE:  
82 0653 1  
83 0654 1  
84 0655 1 ! NONE  
85 0656 1  
86 0657 1 ! EXTERNAL REFERENCES:  
87 0658 1  
88 0659 1 ! In the routine
```

```
90 0660 1 XSBTTL 'EDTSSSC_REVID - reverse video the screen'
91 0661 1
92 0662 1 GLOBAL ROUTINE EDTSSSC_REVID
93 0663 1 : NOVALUE =
94 0664 1
95 0665 1 ++
96 0666 1 FUNCTIONAL DESCRIPTION:
97 0667 1
98 0668 1 This routine makes sure the screen is in reverse video mode. Check
99 0669 1 the flag, and if it is not, output the sequence to set reverse video
100 0670 1 and set the reverse flag.
101 0671 1
102 0672 1 FORMAL PARAMETERS:
103 0673 1
104 0674 1 NONE
105 0675 1
106 0676 1 IMPLICIT INPUTS:
107 0677 1
108 0678 1 EDTSSG_REVID
109 0679 1 EDTSSG_TI_TYP
110 0680 1
111 0681 1 IMPLICIT OUTPUTS:
112 0682 1
113 0683 1 EDTSSG_REVID
114 0684 1
115 0685 1 ROUTINE VALUE:
116 0686 1
117 0687 1 NONE
118 0688 1
119 0689 1 SIDE EFFECTS:
120 0690 1
121 0691 1 NONE
122 0692 1
123 0693 1 --
124 0694 1
125 0695 2 BEGIN
126 0696 2
127 0697 2 EXTERNAL ROUTINE
128 0698 2 EDTSSFMT_LIT;
129 0699 2
130 0700 2
131 0701 2 EXTERNAL
132 0702 2 EDTSSG_REVID,
133 0703 2 EDTSSG_TI_TYP;           ! is reverse video on?
134 0704 2 IF (.EDTSSG_TI_TYP EQL TERM_VT100)
135 0705 2 THEN
136 0706 2
137 0707 2 IF (.EDTSSG_REVID EQL 0)
138 0708 2 THEN
139 0709 2 BEGIN
140 0710 2 EDTSSFMT_LIT (REV_VIDEO, REV_VIDEO_LEN);
141 0711 2 EDTSSG_REVID = 1;
142 0712 2 END;
143 0713 2
144 0714 1 END;                  ! of routine EDTSSSC_REV
```

EDT\$SCRREV
V04-000

EDT\$SCRREV - reverse video screen mode
EDT\$SSC_REVID - reverse video the screen

N 9
16-Sep-1984 01:42:00 VAX-11 Bliss-32 V4.0-742
14-Sep-1984 12:24:37 DISK\$VMSMASTER:[EDT.SRC]SCRREV.BLI;1 Page 4
(3)

EDT1
V04-

.TITLE EDT\$SCRREV EDT\$SCRREV - reverse video screen mode
.IDENT \V04-000\

.PSECT _EDT\$CODE,NOWRT, SHR, PIC.2

6D 37 5B 1B 00000 P.AAA: .ASCII <27>\[7m\]

REV_VIDEO= P.AAA
.EXTRN EDT\$SFMT_LIT, EDT\$SG_REVID
.EXTRN EDT\$SG_TI_TYP

52 00000000G	00	0004 00000	.ENTRY	EDT\$SC REVID, Save R2	: 0662
02 00000000G	00	9E 00002	MOVAB	EDT\$SG REVID, R2	: 0704
	13	D1 00009	CMPL	EDT\$SG_TI_TYP, #2	: 0707
	62	12 00010	BNEQ	1\$: 0710
	0F	D5 00012	TSTL	EDT\$SG REVID	: 0711
	04	12 00014	BNEQ	1\$: 0714
	E1	DD 00016	PUSHL	#4	
00000000G	00	AF 00018	PUSHAB	REV_VIDEO	
	62	02 FB 0001B	CALLS	#2, EDT\$SFMT_LIT	
		01 D0 00022	MOVL	#1, EDT\$SG REVID	
		04 00025 1\$:	RET		

; Routine Size: 38 bytes, Routine Base: _EDT\$CODE + 0004

; 145
; 146

0715 1
0716 1 !<BLF/PAGE>

EDT\$SCRREV
V04-000

EDT\$SCRREV - reverse video screen mode
EDT\$SSC_REVID - reverse video the screen

8 10
16-Sep-1984 01:42:00 14-Sep-1984 12:24:37 VAX-11 Bliss-32 v4.0-742 DISK\$VMSMASTER:[EDT.SRC]SCRREV.BLI;1 Page 5 (4)

: 148 0717 1 END
: 149 0718 1
: 150 0719 0 ELUDOM

! of module EDT\$SCRREV

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	42	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	----- Symbols -----	Pages	Processing
	Total Loaded Percent	Mapped	Time
\$255\$DUA28:[EDT.SRC]EDT.L32:1	377 2 0	40	00:00.2
\$255\$DUA28:[EDT.SRC]PSECTS.L32:1	2 1 50	7	00:00.1

COMMAND QUALIFIERS

: BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:SCRREV/OBJ=OBJ\$:SCRREV MSRC\$:SCRREV.BLI/UPDATE=(ENH\$:SCRREV)

: Size: 38 code + 4 data bytes
: Run Time: 00:09.3
: Elapsed Time: 00:11.2
: Lines/CPU Min: 4663
: Lexemes/CPU-Min: 12447
: Memory Used: 55 pages
: Compilation Complete

0139 AH-BT13A-SE
VAX/VMS V4.0

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